



## UNITED STATES PATENT AND TRADEMARK OFFICE

ART UNIT: 2853	<b>AMENDMENT/RESPONSE</b>  <b>CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8</b>  DATE OF DEPOSIT: _____  I hereby certify that this paper or fee (along with any paper or fee referred to as being attached or enclosed) is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  _____ Brenda Wiseman
EXAMINER: Huffman, Julian D.	
APPLICANT: Kabalnov, et al.	
SERIAL NO.: 10/629,063	
FILED: 7/28/2003	
CONFRM. NO.: 5846	
FOR: SYSTEMS AND METHODS OF ASSOCIATING PRINTING INFORMATION WITH PRINT MEDIA	

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, Colorado 80528-9599

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

We, Alexey S. Kabalnov and Larrie Deardurff, declare as follows: \_\_\_\_\_

1. We are the named inventors in the above-captioned application and the subject matter described and claimed therein.

2. It is our understanding that various claims in the above-recited patent application have been rejected in view of United States Patent Publication No. 2003/0025321, filed August 1, 2001 and published February 6, 2003, entitled Magnetic

Printing Media for Inkjet and Laserjet.

3. The invention as described and claimed in the present patent application (10/629,063) was conceived and reduced to practice prior to February 6, 2003. We participated in the development of the claimed print medium and system and contributed to the disclosures which were subsequently used in preparation of the present patent application. Exhibit 1 contains a redacted version of the invention disclosure submitted to Hewlett-Packard Company, which describes, in part, the development and use of the invention, and which was prepared and witnessed prior to February 6, 2003.

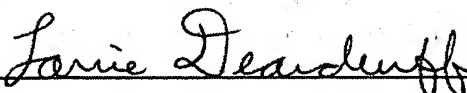
4. We declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statement may jeopardize the validity of the application or any patent issuing thereon.

DATED this 28 day of April, 2006.

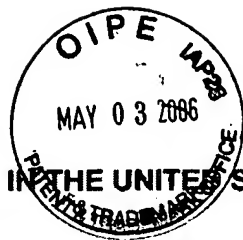
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Alexey S. Kabalnov, Inventor of the Invention

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Larrie Deardurff, Inventor of the Invention



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ART UNIT:	2853	<b>AMENDMENT/RESPONSE</b>  <b>CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8</b>  DATE OF DEPOSIT: _____  I hereby certify that this paper or fee (along with any paper or fee referred to as being attached or enclosed) is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  _____ Brenda Wiseman
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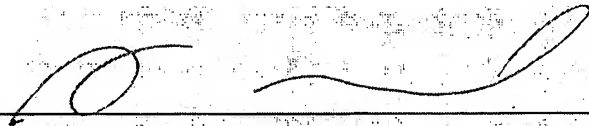
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DATED this 28 day of April, 2006.



Alexey S. Kabalnov, Inventor of the Invention

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Larrie Deardurff, Inventor of the Invention



invent

**Disclosure No. 200309257**

Invention Disclosure - DBI Document No. 6BML

PD No.  
200309257Date Received  
[REDACTED]Collection  
IPG

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**General Information**

**Title** Magnetic strips on photo media for media automatic recognition and image archiving purposes

**Abstract** We suggest to put a magnetic strip on the backside of each photo media sheet that carries the media recognition information ----color map (a whole new color map could be included to correct for any media changes that occurred (silent rolls)), ink capacity, default printer mode (best/draft), paper size. When the media is fed through the printer, the magnetic strip is read by an electromagnetic probe, similar to the credit card reader, or magnetic card reader in the old hand-held calculators. The information is then fed back into the printer/computer.

[REDACTED]

**Projects** [REDACTED]

**Products** None

**Description of Invention**

**Problems Solved** There is a need to enable the recognition of the photo media by the printer. The classical way to encode this information is to put a barcode on the media and to read it optically. However, it has a downside of potentially interfering with the image itself; also, the amount of information to be stored this way is limited.

**Prior Solutions** Previous solutions we are aware of is the deposition of the optical barcode on either side of the media, or accessing the media as based on its light reflection profile or elasticity (degree of undulation in the paper feed).

**Description** A magnetic strip is placed on the back of the media and is read as the media is fed through the printer. The strip can be also recordable by an electromagnetic device in the printer

**Advantages** We suggest to put a magnetic strip on the backside of each media sheet that carries the media recognition information ----color map (a whole new color map could be included to correct for any media changes that occurred (silent rolls)), ink capacity, default printer mode (best/draft), paper size. When the media is fed through the printer, the magnetic strip is read by an electromagnetic probe, similar to the credit card reader, or magnetic card reader in the old hand-held calculators. The information is then fed back into the printer/computer.

[REDACTED]

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## Invention History

Published No  
Announced No  
Disclosed No  
Next Three Months No  
Described Yes [REDACTED] in Lab notebook [REDACTED]  
Built No  
Government Contract No  
Related Disclosure No  
Innovation Workshop No



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## Witnesses

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## Classification

Recommended IPG: Inks, Toners and Media  
Classification

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Legal Techword media --

Keywords media sensor, archiving, image storage, media recognition and printer settings



## Administrative Record

Date Submitted January 2, 2003 2:45PM

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